

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference FLGM-P05005	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/KR2005/002020	International filing date (day/month/year) 28 JUNE 2005 (28.06.2005)	(Earliest) Priority Date (day/month/year) 30 JUNE 2004 (30.06.2004)
Applicant LG INNOTEK CO., LTD et al		

This International search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. Certain claims were found unsearchable (See Box No. II)

3. Unity of invention is lacking (See Box No. III)

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

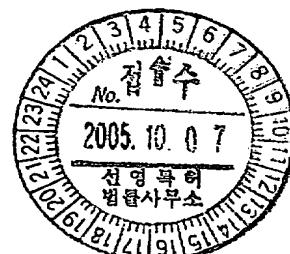
a. the figure of the drawings to be published with the abstract is Figure No. 3

as suggested by the applicant.

because the applicant failed to suggest a figure.

because this figure better characterizes the invention.

b. none of the figure is to be published with the abstract.



INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2005/002020

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 H02K 7/065

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 H02K H01R H01C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 Korean Patents and applications for inventions since 1975, Korean Utility models and applications for Utility models since 1975
 Japanese Utility models and applications for utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 D/B: eKIPASS(Searching system for Korean Intellectual Property Office)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,692,266 B2 (Japan Aviation Electronics Industry, Ltd., Tokyo) 17 Feb. 2004 See Fig.4, Column 3, line 35 - Column 5, line 17	1, 2, 4, 6-8, 10-12, 14, 16-18
A	JP 08-17499 A (HOSIDEN CORP) 19 Jan. 1996 See Fig.10	1-19
A	US 5,259,769 A (Molex Incorporated, Lisle, Ill.) 09 Nov. 1993 See the whole document	1-19
A	US 4,884,052 A (Aisan Kogyo Kabushiki, Obu) 28 Nov. 1989 See the whole document	1-19

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:
 "A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier application or patent but published on or after the international filing date
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "&" document member of the same patent family

Date of the actual completion of the international search
 23 SEPTEMBER 2005 (23.09.2005)

Date of mailing of the international search report

27 SEPTEMBER 2005 (27.09.2005)

Name and mailing address of the ISA/KR
 Korean Intellectual Property Office
 920 Dunsan-dong, Seo-gu, Daejeon 302-701,
 Republic of Korea
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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/KR2005/002020

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US06692266	17.02.2004	CN1200481C CN1435916A DE10303072A1 JP15217716 JP3595938B2 KR1020030065344 TW582127B US20030143874A1	04.05.2005 13.08.2003 31.07.2003 31.07.2003 02.12.2004 06.08.2003 01.04.2004 31.07.2003
JP08017499	19.01.1996	None	
US5259769A	09.11.1993	DE69330419C0 EP590517B1 FI109560B1 FI934256A JP06054237 JP2507640Y2 KR1019940008161 SG42980A1	16.08.2001 11.07.2001 30.08.2002 30.03.1994 22.07.1994 14.08.1996 29.04.1994 17.10.1997
US04884052	28.11.1989	DE3818553A1 JP63192614	08.12.1988 12.12.1988

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